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13281 U.S. P.O.

NONPROVISIONAL PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Attorney Docket No.: 118042

Date: December 12, 2003

MAIL STOP PATENT APPLICATION

Customer Number: 25944

**NONPROVISIONAL APPLICATION TRANSMITTAL
RULE §1.53(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

031088 U.S. PTO
10/733464

121203

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title): CURVE'S RADIUS ESTIMATION DEVICE

By (Inventors): Akira HATTORI, Minoru SAEKI

- ☒ Formal drawings (Figs. 1-10; 10 sheets) are attached.
☐ Use Figure _____ for front page of Publication.
☒ A Declaration and Power of Attorney is filed herewith.
☐ This application claims benefit of Provisional Application No. _____ filed _____.
 (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.)
☒ This patent application is assigned to TOYOTA JIDOSHA KABUSHIKI KAISHA.
☒ The executed Assignment is filed herewith.
☒ An Information Disclosure Statement is filed herewith.
☐ Entitlement to small entity status is hereby asserted.
☒ A Preliminary Amendment is filed herewith.
☐ Priority of foreign application No. 2003-009987 filed January 17, 2003 in Japan is claimed (35 U.S.C. §119).
☒ A certified copy of the above corresponding foreign application is filed herewith.
☐ This application is NOT to be published under 35 U.S.C. 122(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing.
☒ The filing fee is calculated below:

**CLAIMS IN THE APPLICATION AFTER ENTRY OF
ANY PRELIMINARY AMENDMENT NOTED ABOVE**

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	18 - 20	= *0
INDEP CLAIMS	4 - 3	= *1
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

* If the difference is less than zero, enter "0".

SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
RATE	FEE		RATE	FEE
	\$ 385	OR		\$ 770
x 9 =	\$	OR	x 18	\$
x 43 =	\$	OR	x 86	\$ 86
+ 145 =	\$	OR	+ 290	\$
TOTAL	\$	OR	TOTAL	\$ 856

- ☒ Check No. 149224 in the amount of \$856 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff

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